edsal

HEVILOAD INDUSTRIAL

STEEL SHELVING
INSTALLATION INSTRUCTIONS

TIPS FOR INSTALLATION SUPERVISOR

CHECK SHIPMENT: Immediately after receipt of shipment, check the condition and number of packages against the packing list and bill of lading. Any shortage or damage of packages should be noted on carrier's freight receipt. Any claim for loss or damage must be handled by the consignee, however, this company will provide any necessary assistance. Shortages or errors made by this company should be reported at once.

INSTALLATION PLAN: Check to see if you have the latest floor plan indicating the location, types, shelf spacing, etc., before starting installation. Not checking for correct materials or colors could cause considerable time loss when the necessary corrections are made.

DISTRIBUTE MATERIALS: The packages containing the various materials should be sorted and distributed to the installation locations when needed. It is advisable not to open too many packages ahead so as to cut down on the possibility of parts loss.

ERECTION: EDSAL shelving is engineered to offer maximum flexibility as well as ease and quickness of assembly. Each unit is complete and can be moved independently. Shelves can also be adjusted without disturbing shelves in adjoining units. In addition, there are no springs, studs, or other interlocking tools. All you need is a screw driver.

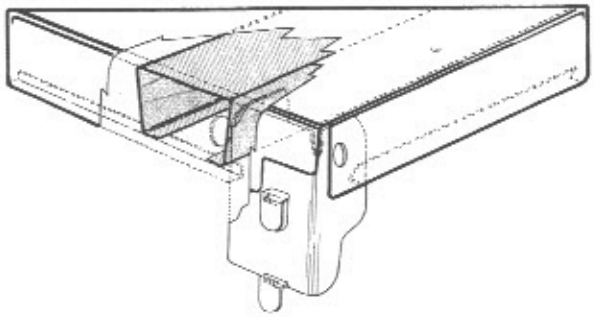
IMPORTANT: These Installation Instructions **MUST** Be Followed. All Braces, Nuts and Bolts, and Special Fasteners **MUST** Be Used As Shown. All Bolting **MUST** Be Checked for Tightness. Any Alteration or Deviation from the Instructions or Overloading of Shelves Can Result In Unit Failure.

SAFETY INSTRUCTIONS

These units should be placed on a level surface. Failure to do so can result in poor performance or create a possible safety hazard. This unit should be securely anchored to a wall or floor with suitable fasteners, which are not included. Do not use this product for anything other than the manufacturers intended purpose. Do not stand on any part of the unit, or use it as a ladder. Do not overload. Evenly distribute the weight on each level and always keep the heavier loads near the bottom. Use care when working with metal parts.

MODELS: 7W219 thru 7W263
3W357 thru 3W366

REINFORCING BAR: Insert reinforcing bar to underside of shelf installed. Bar should be seated on box formed return on short side of each shelf, behind shelf supporting clip. Move bar forward to face edge of shelf, positioning directly behind shelf clip. See detail drawing below.



LABEL HOLDERS: Remove double face backing from label holder and apply to face of shelf.

BIN FRONTS: Bolt bin fronts to matching holes in posts. Align bottom of bin fronts with top side of shelf.

BASES: Bolt base into position through holes in post matching holes at either end of base. The bases should be installed prior to hanging lower shelves.

DIVIDERS: Shelves are to be placed on centers comparable to divider's height. Postition dividers at desired intervals and hold in position with spring clip furnished. Clip is inserted through hole in divider and matching hole in shelf. Dividers are adjustable horizontally on 2 inch centers.

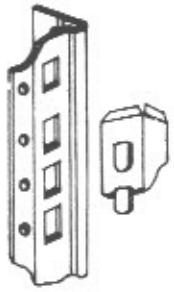
PARTS LIST

DESCRIPTION	PART NO.	DESCRIPTION	PART NO.
36″ × 12″ Shelf	3612S-N	▲12″ Side Stringer Brace	12SB-N
36″ × 18″ Shelf	3618S-N	▲18″ Side Stringer Brace	18SB-N
36″ × 24″ Shelf	3624S-N	▲24″ Side Stringer Brace	24SB-N
48″ × 12″ Shelf	4812S-N	▲36″ Back Brace	36BB
48″ × 18″ Shelf	4818S-N	▲48″ Back Brace	48BB
48″ × 24″ Shelf	4824S-N	Heavy Duty Clip (Pkg. of 25)	HL-CLIPS
85″ Upright	85P-N	¼-20 × ½″ Bolts	*
12″ × 85″ Side Panel	127X	¼ × 20 Nuts	*
18″ × 85″ Side Panel	187X	Hardware Package	NB29S
24″ × 85″ Side Panel	247X	Reinforcing Bar Optional 36″	36RB
36″ × 85″ Back Panel	367X	48″	48RB
48″ x 85″ Back Panel	487X	▲(Sold in sets of 2)	

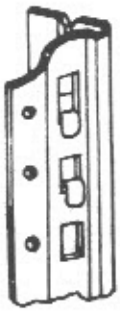
* Standard hardware item, available locally.

EDSAL shelving may be assembled by two methods. The usual method (still the best for small installations by one man) is to rest them horizontally on supports, one unit at a time. As each unit is assembled, it is set upright and joined to the adjacent unit.

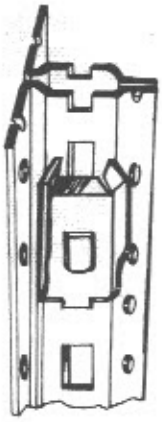
The second method is recommended as it permits faster assembly. The shelving is erected in an upright position right at the final location. An entire rack of units is quickly assembled in one continuous operation. All intermediate shelves are then easily hung in place.



Showing KWIK-KLIP and special design uprights.



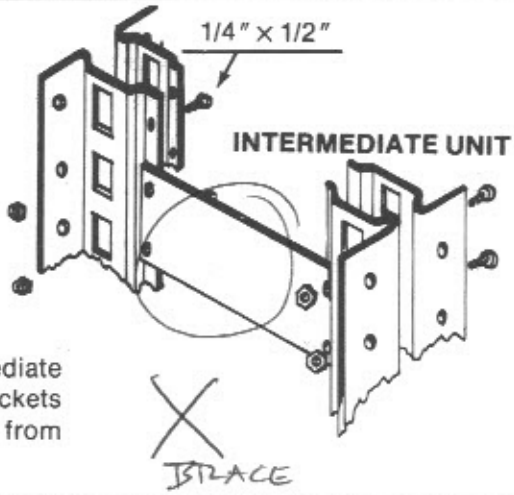
Cut-away view showing holding power at extreme-end upright.

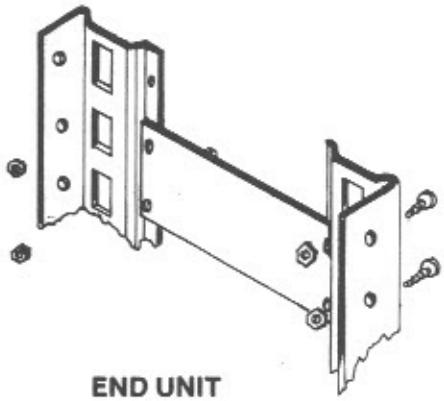


Cut-away view showing KWIK-KLIPS on intermediate uprights where shelves may be on the same level.

SKELETON TYPE UNITS

NOTE: Use1/4″ × 1/2″ bolts for stringer side braces, back braces, and top and bottom shelves. When assembling 9 ft. or 10 ft. high units; Add one extra pair of back braces and one pair of side braces (1 pc. on each side).





FIRST STEP:

Preassemble all end and intermediate posts to each other. Bolt side brackets through side flanges at ninth hole from each end.

SECOND STEP:

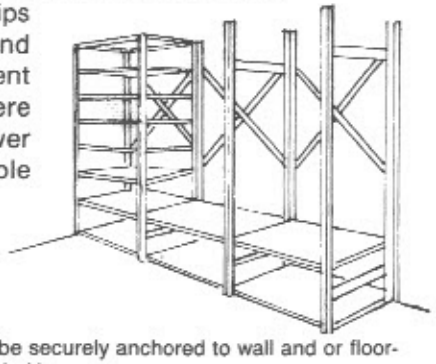
The first unit is assembled at position corresponding to left end of rack. One man holds a set of double posts while the second man installs bottom two shelves. Clips for shelves should be previously attached to posts.

Install cross braces on backside of posts. Place bolts in center holes of braces and unit will now stand upright.

IMPORTANT: Make certain clips are fully seated by *tapping lightly* down into hole position.

THIRD STEP:

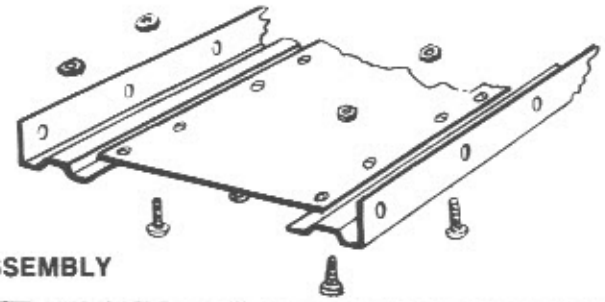
All additional units may now be joined, one at a time, to complete the rack. Top shelves are hung using shelf clips at rear and front. All intermediate shelves are positioned and hung in one unit. Next, install shelf clips in balance of units and hang shelves. In the event the side brackets interfere with shelf position, lower or raise to a more suitable position.



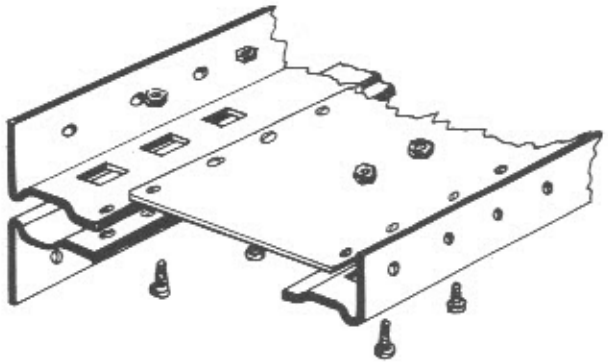
IMPORTANT: All units should be securely anchored to wall and or floor with suitable fastner (not included.)

CLOSED TYPE UNITS

FIRST STEP:
Preassemble all end and intermediate sides as illustrated below. Use ¼ " x ½ " bolts and nuts as supplied. Bolt side panel to uprights.



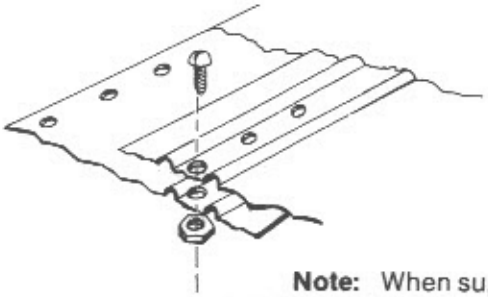
END ASSEMBLY



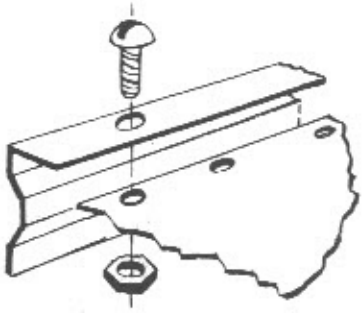
INTERMEDIATE ASSEMBLY

SECOND STEP:

A. Preassemble all backs. Start by joining back's two pieces. Make certain matching embossed sides nest and bolt in three positions — 3rd hole from top and bottom plus one approximately at center. 1/4" × 1/2" bolts are used in this assembly.



B. Attach assembled back panel to one individual post. Be sure panel is on inside of post flange. Bolt through 3rd hole from top and bottom plus approximately at center.



Note: When supplied with 1 piece back panel, eliminate step A.

THIRD STEP:

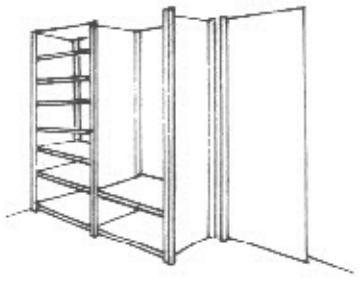
The assembly of first unit is begun at position corresponding to left side of rack. Start erection using one end side and one intermediate side (double post front). The back is bolted to inside of post flange at 3rd hole from each end. The two bottom shelves are then installed after attaching shelf clips to posts. Unit will now stand upright.

FOURTH STEP:

All additional units may now be joined, one at a time, to complete the rack. The backs are bolted to side flanges of post at 3rd hole from each end. The side and two lower shelves are then added.

The top shelves are hung by using shelf clips at rear and front posts. All intermediate shelves are positioned and hung in one unit. The shelf clips are now installed in the rest of the units and the shelves hung. A back clip (furnished with each back) should be placed in center row of holes to hold back close to shelves.

For additional rigidity, use sheet metal screw furnished and screw top and bottom of back panel through center holes in top and bottom shelves.



IMPORTANT: All units should be securely anchored to wall and or floor-with suitable fastner (not included.)